

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8735 (1978): Tube, Suction, Yankauer's Pattern [MHD 4: Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

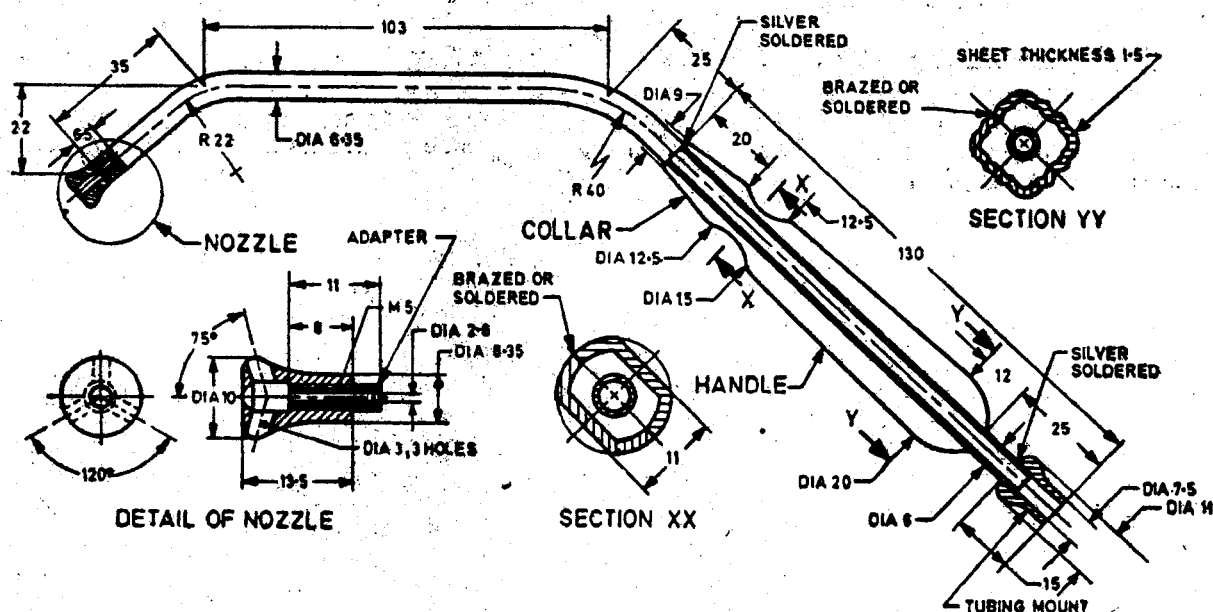
(Reaffirmed 1995)

SPECIFICATION FOR TUBE, SUCTION, YANKAUER'S PATTERN

1. Scope — Dimensional and other requirements of Yankauer's pattern suction tube used in ENT surgery.

2. Shape and Dimensions — As shown in Fig. 1.

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.



All dimensions in millimetres.

FIG. 1 TUBE, SUCTION, YANKAUER'S PATTERN

3. Material — The tube and the handle shall be made of stainless steel sheet conforming to Designation 04Cr18Ni10 or 07Cr18Ni9 of IS : 6911-1972 'Specification for stainless steel plate, sheet and strip' or the tube shall be made from brass conforming to Designation CuZn30A5 or CuZn39 of IS : 407-1966 'Specification for brass tubes for general purposes'. The handle shall be made from brass sheet conforming to Designation CuZn40 of IS : 422-1967 'Specification for brass sheet and strip for the manufacture of utensils'.

4. Workmanship and Finish

4.1 All the surfaces shall be even, smooth and free from burrs, cracks and other defects.

4.2 The joints shall be soundly brazed or soldered and shall be free from holes when tested as mentioned in 5.1.

4.3 The suction tube if made of stainless steel shall be polished bright and passivated.

4.4 The suction tube if made of brass shall be plated chromium over nickel conforming to Grade 2 of IS : 4827-1968 'Specification for electroplated coatings of nickel and chromium on copper and copper alloys'.

5. Tests

5.1 Leakage — The brazed or soldered portion of the suction tube shall be immersed in boiling paraffin wax for 2 minutes. There shall not be any air bubble visible on the surface of the liquid.

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Or 1

5.2 Corrosion Resistance — Test the suction tube if made of stainless steel in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. There shall not be any sign of corrosion visible after the completion of the test.

5.2.1 The suction tube if made of brass and plated chromium over nickel shall pass the corrosion resistance test when tested in accordance with **6.8** and **6.8.1** of IS : 4827-1968.

5.3 Adhesion — The suction tube shall be tested for adhesion of the stainless steel coating in accordance with **6.7** of IS : 4827-1968. The coating shall continue to adhere to the basic metal and there shall be no separation between the coating and the basic metal.

6. Marking — The suction tube shall be marked with the manufacturer's name, initials or recognized trade-mark and the country of manufacture.

6.1 ISI Certification Marking — Details available with the Indian Standards Institution.

7. Packing — The suction tubes shall be wrapped in moisture-proof paper or packed in polyethylene bags avoiding contact with one another. They may also be packed as agreed to between the purchaser and the supplier.